

## Think Critically

*Definition:* Critical thinking is an evaluation process that involves questioning, gathering, and analyzing opinions and information relevant to the topic or problem under consideration. Critical thinking can be applied to all subject areas and modes of analysis (historical, mathematical, social, psychological, scientific, aesthetic, literary, etc.). Students who think critically

Dimension Assessed*	COURSE	Course OUTCOMES	ASSIGNMENTS/ASSESSMENTS
<ul style="list-style-type: none"> <li><b>Identify</b> and define key issues</li> </ul>	PTA 101	<p>Researches and correctly references search results for an assigned clinical question</p> <p>Describe procedures before, during, and after the application of physical agents to ensure the safety of the patient</p> <p>Compare and contrast standardized tests measures for assessing pain</p> <p>Compare and contrast various methods/protocols of application for deep heat, electrical stimulation, UV radiation and range of motion</p> <p>Identify the role of the PTA during application of physical therapy interventions covered in this course</p>	<p>Evidence Based Practice assignment</p> <p>Written examination</p> <p>Essay</p> <p>Written assignment and examination</p> <p>Case simulation, written assignments and examination</p>
<ul style="list-style-type: none"> <li><b>Determine</b> information need, find and cite relevant information</li> </ul>	PTA 101	<p>Discuss the importance of evidence-based practice and provide current examples of evidence-based practice for various physical therapy interventions</p> <p>Researches and correctly references search results for an assigned clinical question</p> <p>Compare and contrast standardized tests measures for assessing pain</p>	<p>Evidence Based Practice assignment, forum discussion</p> <p>Evidence Based Practice assignment</p>

			Essay
<ul style="list-style-type: none"> <li>• <b>Demonstrate</b> knowledge of the context and complexity of the issue</li> </ul>	. PTA 101	<p>Describe how draping demonstrates respect for the individual in the context of the health care setting</p> <p>Compare and contrast standardized tests measures for assessing pain</p> <p>Recognize and communicate the need for additional information or reassessment from the supervising physical therapist for each of the physical therapy interventions and simulated patient care activities in the course</p>	<p>Written assignment</p> <p>Essay</p> <p>Role play, case simulations, written assignment and examination</p>
<ul style="list-style-type: none"> <li>• <b>Integrate</b> other relevant points of view of the issue</li> </ul>	PTA 101	<p>Recognize and communicate the need for additional information or reassessment from the supervising physical therapist for each of the physical therapy interventions and simulated patient care activities in the course</p>	<p>Role play, case simulations, written assignment and examination</p>
<ul style="list-style-type: none"> <li>• <b>Evaluate</b> supporting information and evidence</li> </ul>	PTA 101	<p>Researches and correctly references search results for an assigned clinical question</p> <p>Document accurate and thorough treatment information for course specific patient case simulations using SOAP and proper medical format.</p> <p>Analyzes treatment documentation for appropriate terminology and standards of practice</p> <p>Compare and contrast standardized tests measures for assessing pain</p>	<p>Evidence Based Practice assignment</p> <p>Documentation Criteria Rubric, written assignments and examination; Moodle lesson case simulation, quizzes</p> <p>Forum discussion</p> <p>Essay</p>

<ul style="list-style-type: none"> <li>• <b>Construct</b> appropriate and defensible reasoning to draw conclusions</li> </ul>	PTA 101	<p>Document accurate and thorough treatment information for course specific patient case simulations using SOAP and proper medical format.</p> <p>Compare and contrast standardized tests measures for assessing pain</p> <p>Describe, select, and apply the PT Management and Disablement models/terminology to clinical cases</p>	<p>Documentation Criteria Rubric, written assignments and examination; Moodle lesson case simulation, quizzes</p> <p>Written assignments and examination</p> <p>Forum discussions, written activities, and written examination</p>
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## Engage diverse values with civic and ethical awareness

*Definition:* Engaged students actively participate as citizens of local, global and digital communities. Engaging requires recognizing and evaluating one's own views and the views of others. Engaged students are alert to how views and values impact individuals, circumstances, environments and communities. Students who engage:

Dimension Assessed*	COURSE	OUTCOMES	ASSIGNMENTS/ASSESSMENTS
<ul style="list-style-type: none"> <li><b>Recognize and clarify</b> personal values and perspectives</li> </ul>	PTA 101	Reflect on how biases/experiences may influence approaches to treating pain  Discuss an individual's right to refuse and the potential impacts on patient safety	Forum posts  Forum posts
<ul style="list-style-type: none"> <li><b>Evaluate</b> diverse values and perspectives of others</li> </ul>	PTA 101	Describe how draping demonstrates respect for the individual in the context of the health care setting  Reflect on how biases/experiences may influence approaches to treating pain  Discuss an individual's right to refuse and the potential impacts on patient safety	Written assignment  Forum posts  Forum posts
<ul style="list-style-type: none"> <li><b>Describe</b> the impact of diverse values and perspectives on individuals, communities, and the world</li> </ul>	PTA 101	Describe how draping demonstrates respect for the individual in the context of the health care setting  Reflect on how biases/experiences may influence approaches to treating pain  Discuss an individual's right to refuse and the potential impacts on patient safety	Written assignment  Forum posts  Forum posts
<ul style="list-style-type: none"> <li><b>Demonstrate</b> knowledge of democratic values and practices</li> </ul>	PTA 101		

<ul style="list-style-type: none"><li>• <b>Collaborate</b> with others to achieve shared goals</li></ul>	PTA 101	Recognize and communicate the need for additional information or reassessment from the supervising physical therapist for each of the physical therapy interventions and simulated patient care activities in the course	Role play, case simulations, written assignment and examination
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## Create ideas and solutions

*Definition:* Creative thinking is the ability and capacity to create new ideas, images and solutions, and combine and recombine existing images and solutions. In this process, students use theory, embrace ambiguity, take risks, test for validity, generate new questions, and persist with the problem when faced with resistance, obstacles, errors, and the possibility of failure. Students who create:

Dimension Assessed*	COURSE	OUTCOMES	ASSIGNMENTS/ASSESSMENTS
<ul style="list-style-type: none"> <li><b>Experiment</b> with possibilities that move beyond traditional ideas or solutions. Embrace ambiguity and risk mistakes</li> </ul>			
<ul style="list-style-type: none"> <li><b>Explore</b> or resolve innovative and/or divergent ideas and directions, including contradictory ideas</li> </ul>			
<ul style="list-style-type: none"> <li><b>Utilize</b> technology to adapt to and create new media</li> </ul>	PTA 101		
<ul style="list-style-type: none"> <li><b>Invent</b> or hypothesize new variations on a theme, unique solutions or products; transform and revise solution or project to completion</li> </ul>	PTA 101		
<ul style="list-style-type: none"> <li><b>Persist</b> when faced with difficulties, resistance, or errors; assess failures or mistakes and rework</li> </ul>	PTA 101		
<ul style="list-style-type: none"> <li><b>Reflect</b> on successes, failures, and obstacles</li> </ul>	PTA 101	Analyzes treatment documentation for appropriate terminology and standards of practice	Forum discussion

## Communicate effectively

*Definition:* To communicate effectively, students must be able to interact with diverse individuals and groups, and in many contexts of communication, from face-to-face to digital. Elements of effective communication vary by speaker, audience, purpose, language, culture, topic, and context. Effective communicators value and practice honesty and respect for others, exerting the effort required to listen and interact productively. Students who communicate effectively:

Dimension Assessed*	COURSE	OUTCOMES	ASSIGNMENTS/ASSESSMENTS
<ul style="list-style-type: none"> <li><b>Create and express</b> messages with clear language and nonverbal forms appropriate to the audience and cultural context</li> </ul>	PTA 101	<p>Describe how draping demonstrates respect for the individual in the context of the health care setting</p> <p>Compare and contrast standardized tests measures for assessing pain</p>	<p>Written assignment</p> <p>Essay</p>
<ul style="list-style-type: none"> <li><b>Organize</b> the message to adapt to cultural norms, audience, purpose, and medium</li> </ul>	PTA 101	<p>Document accurate and thorough treatment information for course specific patient case simulations using SOAP and proper medical format.</p> <p>Identifies and responds to various individual and cultural differences, i.e. deafness, non-English speaking, etc. in simulated patient scenario with respect.</p> <p>Outline the importance of body mechanics for injury prevention</p> <p>Compare and contrast standardized tests measures for assessing pain</p>	<p>Documentation Criteria Rubric, written assignments and examination; Moodle lesson case simulation, quizzes</p> <p>Written assignments and examination; Moodle lesson case simulation</p> <p>Written assignment</p> <p>Essay</p>
<ul style="list-style-type: none"> <li><b>Support</b> assertions with contextually appropriate and accurate examples, graphics, and quantitative information</li> </ul>	PTA 101	<p>Document accurate and thorough treatment information for course specific patient case simulations using SOAP and proper medical format.</p>	<p>Documentation Criteria Rubric, written assignments and examination; Moodle lesson case simulation, quizzes</p>

		<p>Compare and contrast standardized tests measures for assessing pain</p> <p>Discuss how the patient's age and medical status may influence selection and outcome of treatments with physical agents.</p>	<p>Essay</p> <p>Forum posts</p>
<ul style="list-style-type: none"> <li>• <b>Attend</b> to messages, check for shared meaning, identify sources of misunderstanding, and signal comprehension or non-comprehension</li> </ul>	PTA 101	Identifies and responds to various individual and cultural differences, i.e. deafness, non-English speaking, etc. in simulated patient scenario with respect.	Written assignments and examination; Moodle lesson case simulation
<ul style="list-style-type: none"> <li>• <b>Demonstrate</b> honesty, openness to alternative views, and respect for others' freedom to dissent</li> </ul>	PTA 101	Identifies and responds to various individual and cultural differences, i.e. deafness, non-English speaking, etc. in simulated patient scenario with respect.	Written assignments and examination; Moodle lesson case simulation



## Apply learning

*Definition:* Applied learning occurs when students use their knowledge and skills to solve problems, often in new contexts. When students also reflect on their experiences, they deepen their learning. By applying learning, students act on their knowledge. Students who apply learning:

Dimension Assessed*	COURSE	Program Outcomes	Course OUTCOMES	ASSIGNMENTS/ASSESSMENTS
<ul style="list-style-type: none"> <li><b>Connect</b> theory and practice to develop skills, deepen understanding of fields of study and broaden perspectives</li> </ul>	PTA 101	<p>A. Exhibits conduct that reflects a commitment to meet the expectations of the members of the profession of physical therapy and members of society receiving health care services.</p> <p>B. Exhibits conduct that reflects safe practice standards that are legal, ethical and safe.</p> <p>C. Communicates an understanding of the plan of care developed by the physical therapist to achieve short and long term goals and intended outcomes.</p> <p>D. Recognizes and initiates clarifications with the supervising physical therapist when indicated.</p> <p>E. Adjusts treatment interventions within the plan of care to optimize patient safety, progress, and comfort; reports outcomes to the supervising physical therapist.</p>	<p>Discuss the importance of evidence-based practice and provide current examples of evidence-based practice for various physical therapy interventions (A,B,C)</p> <p>Analyzes treatment documentation for appropriate terminology and standards of practice (A, B, C)</p> <p>Describe how draping demonstrates respect for the individual in the context of the health care setting (A, B, E)</p> <p>Discuss an individual's right to refuse and the potential impacts on patient safety (A, B, E)</p> <p>Describe, select, and apply the PT Management and Disablement models/terminology to clinical cases (A, B, C, D, E)</p> <p>Discuss how the patient's age and medical status may influence selection and outcome of treatments with physical agents. (A, B, C, D, E)</p>	<p>Evidence Based Practice assignment, forum discussion</p> <p>Forum discussion</p> <p>Written assignment</p> <p>Forum posts</p> <p>Forum discussions, written activities, and written examination</p> <p>Forum posts</p>

<ul style="list-style-type: none"> <li>• <b>Apply</b> skills, abilities, theories or methodologies gained in one situation to new situations to solve problems or explore issues</li> </ul>	PTA 101	<p>F. Communicates verbally and non-verbally with the patient, the physical therapist, health care delivery personnel, and others in an effective, appropriate, and capable manner.</p> <p>G. Exhibits conduct that reflects safe practice standards that are legal, ethical and safe.</p> <p>H. Demonstrates competence in implementing selected components of interventions identified in the plan of care established by the physical therapist, including functional training, infection control, manual therapy, physical and mechanical agents, therapeutic exercise, and wound management.</p> <p>I. Demonstrates competency in performing components of data collection skills essential for carrying out the plan of care, including tests and measures for aerobic capacity, pain, cognition, assistive and prosthetic devices, joint motion, muscle performance, neuromotor development, posture, self-care and home/community management, ventilation, respiration, and circulation.</p>	<p>Document accurate and thorough treatment information for course specific patient case simulations using SOAP and proper medical format. (F, I)</p> <p>Outline the importance of body mechanics for injury prevention (H)</p> <p>Selects appropriate equipment and procedures to measure the vital signs, including pulse, respiratory rate, blood pressure, pain level, and oxygen saturation (H)</p> <p>Apply problem-solving algorithms accurately during clinical case studies (F, G, H, I)</p> <p>Select assistive devices according to patient need, and recognize signs and symptoms of misfit (G, H, I)</p> <p>Determine if deep heat, electrical stimulation, massage, UV radiation, or range of motion should be performed based on knowledge of precautions, indications and contraindications (G, H)</p> <p>Select appropriate tests and measures to determine the effectiveness of a treatment (G, I)</p>	<p>Documentation Criteria Rubric, written assignments and examination; Moodle lesson case simulation, quizzes</p> <p>Written assignment</p> <p>Written examination</p> <p>Case simulation, written assignments and examination</p> <p>Case simulation, written assignments and examination</p> <p>Case simulation, video analysis assignment, written assignments and examination</p> <p>Case simulation, written examination</p>
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<ul style="list-style-type: none"> <li>• <b>Use mathematics and quantitative reasoning</b> to solve problems</li> </ul>	PTA 101	<p>J. Communicates verbally and non-verbally with the patient, the physical therapist, health care delivery personnel, and others in an effective, appropriate, and capable manner</p> <p>K. Exhibits conduct that reflects safe practice standards that are legal, ethical and safe.</p> <p>L. Demonstrates competence in implementing selected components of interventions identified in the plan of care established by the physical therapist, including functional training, infection control, manual therapy, physical and mechanical agents, therapeutic exercise, and wound management.</p> <p>M. Demonstrates competency in performing components of data collection skills essential for carrying out the plan of care, including tests and measures for aerobic capacity, pain, cognition, assistive and prosthetic devices, joint motion, muscle performance, neuromotor development, posture, self-care and home/community management, ventilation, respiration, and circulation.</p>	<p>Document accurate and thorough treatment information for course specific patient case simulations using SOAP and proper medical format. (J, J,K,M)</p> <p>Determine if deep heat, electrical stimulation, massage, UV radiation, or range of motion should be performed based on knowledge of precautions, indications and contraindications (J,K,L)</p> <p>Select appropriate tests and measures to determine the effectiveness of a treatment (M)</p>	<p>Documentation Criteria Rubric, written assignments and examination; Moodle lesson case simulation, quizzes</p> <p>Case simulation, video analysis assignment, written assignments and examination</p> <p>Case simulation, written examination</p>
<ul style="list-style-type: none"> <li>• <b>Integrate and reflect</b> on experiences and learning</li> </ul>	PTA 101	N. Participates in quality	Analyzes treatment documentation for appropriate terminology and	Forum discussion

from multiple and diverse contexts		assurance activities.	standards of practice (N)	
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